

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-28. (canceled)

29. (currently amended) A method for preventing dissemination of a transgene of interest via pollen from a transgenic plant that has incorporated said transgene, wherein said method comprises transforming the nuclear genome of a plant with a plasmid vector containing both an artificial male sterility (AMS) gene and said transgene of interest together with a promoter and a transcription terminator, said transgene being genetically linked with the AMS gene, whereby said transgene is prevented from being disseminated by the pollen of said plant, and wherein said transgene encodes a therapeutic or prophylactic compound of human or animal origin, recovering the compound by extraction, and wherein said compound is administered to a human or animal.

30. (previously presented) The method according to claim 29, wherein said plant is selected from the group consisting of maize, rape, and tomato.

31-32. (canceled)

33. (previously presented) The method according to claim 30, wherein said transgene encodes for collagen or gastric lipase.

34. (currently amended) A method for preventing dissemination of a transgene of interest via pollen from a transgenic plant that has incorporated said transgene, wherein said method comprises transforming the nuclear genome of a plant with a plasmid vector containing both an artificial male sterility (AMS) gene and said transgene of interest together with a promoter and a transcription terminator, said transgene being genetically linked with the AMS gene, whereby said transgene is prevented from being disseminated by the pollen of said plant, said plant is selected from the group consisting of maize, rape, and tomato, and said transgene encodes for collagen or gastric lipase.

35. (new) A method for preventing dissemination of a transgene of interest via pollen from a transgenic plant that has incorporated said transgene, wherein said method comprises transforming the nuclear genome of a plant with a plasmid vector containing both an artificial male sterility (AMS) gene and said transgene of interest together with a promoter and a transcription terminator, said transgene being genetically linked with the artificial male sterility (AMS) gene, whereby said transgene is prevented from being disseminated by the pollen of

said plant, said transgene encodes for collagen or gastric lipase, and said AMS gene encodes for barnase or glucanase.

36. (new) The method according to claim 35, wherein said plant is selected from the group consisting of maize, rape, and tomato.